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Matthiesen et al.

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(54) **AUTONOMOUS VEHICLE NOTIFICATION SYSTEM**

(71) Applicant: **Lyft, Inc.**, San Francisco, CA (US)

(72) Inventors: **Taggart Matthiesen**, Kentfield, CA (US); **Jisi Guo**, San Francisco, CA (US); **Sebastian Rolf Johan Brannstrom**, San Francisco, CA (US); **Jess Garms**, San Francisco, CA (US)

(73) Assignee: **Lyft, Inc.**, San Francisco, CA (US)

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(58) **Field of Classification Search**
None
See application file for complete search history.

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Primary Examiner — Jonathan M Dager
(74) *Attorney, Agent, or Firm* — Baker Botts L.L.P.

(57) **ABSTRACT**

In one embodiment, a method includes detecting, by a computing device of an autonomous vehicle, one of multiple entities within a proximity of the autonomous vehicle. The method also includes determining a location of the one of the entities relative to the autonomous vehicle, determining a type of the one of the entities, and determining a predefined message to be presented to the one of the entities based on the location of the one of the entities relative to the autonomous vehicle and further based on the type of the one of the entities. The predefined message is specific to the type of the one of the entities. The method includes causing the predefined message to be presented to the one of the entities by a notification device of the autonomous vehicle associated with the location of the one of the entities relative to the autonomous vehicle.

31 Claims, 13 Drawing Sheets